

**Distributive Property Equations
Day 1**

Name _____ **Hour** _____

Distribute and combine like terms.

1) $4(m + 6) + -5(2m + 12)$

2) $11(3j - 10) + 7(-5j + 8)$

3) $-6(4h - 9) - 8(2h - 11)$

4) $-5(6u - 14) + 4(9u - 10)$

Distribute then solve the equation.

5) $2(3a - 5) = 8$

6) $7(2m + 3) = 31$

7) $9(m - 2) = 45$

8) $2(-3n + 4) = 26$

9) $-4(3v - 2) = 32$

10) $-3(-3d + 3) = 36$

11) $2(4a + 3) = 22$

12) $3(7y - 4) = 30$

13) $-5(3c + 4) = 25$

Distribute then solve the equation.

14) $5(r + 2) = 2r + 1$

15) $2(x + 4) = 6x$

16) $-12w + 4 = 2(4w - 3)$

17) $-3(-x - 4) = 2x + 1$

18) $-12k - 3 = -3(k - 14)$

19) $9(-5 - r) = -10 - 2r$

Challenge!!

20) $2(3m + 5) + 3(4m + 6) = 64$

21) $2(5c - 18) = -2(5c + 6) + 8c$